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Docket No.: LGS/K-041PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

: Group Art Unit: 2713

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AUG 30 2001

Filed: April 24, 1998

PETITIONS OFFICE

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING
SYSTEM OF A MOVING PICTUREPETITION FOR CORRECTION OF INVENTORSHIP
UNDER 37 C.F.R. §1.48(a)Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

In accordance with 37 C.F.R. §1.48(a), Applicant hereby petitions the U.S. Patent and Trademark Office to grant a change in inventorship for the above-identified application. It is proposed to amend the inventorship to include Jong Beom RA, Sung Deuk KIM and Young Su LEE as inventors in addition to the original named inventor, Hyun Mun KIM.

Attached to this petition are the following documents:

1. An Amendment of Inventorship in which it is proposed to include Jong Beom RA, Sung Deuk KIM and Young Su LEE as inventors in the above-identified application;

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2. A Statement from each inventor being added as an inventor or from each person being deleted as an inventor under 37 C.F.R. §1.48(a)(1);
3. A new Declaration and Power of Attorney executed by all inventors in accordance with 37 C.F.R. §1.63; and
4. The consent of the assignee, LG Semicon Co., Ltd., to the addition of Jong Beom RA, Sung Deuk KIM and Young Su LEE as inventors.

Attached herewith is Check No. 6961 for \$130.00 in payment of the fee set forth in 37 C.F.R. §1.17(i). Please charge any other fees which may be required or credit any overpayment to Deposit Account No. 16-0607.

Respectfully submitted,
FLESHNER & KIM

Daniel Y.J. Kim
Registration No. 36,186

P.O. Box 221200
Chantilly, VA 20153-1200
703 502-9440 DYK/kam
Date: March 17, 1999

Docket No.: LGS/K-041

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

Filed: April 24, 1998

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PETITIONS OFFICE

AMENDMENT OF INVENTORSHIP

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Consistent with the provisions of 37 C.F.R. §1.48(a), Applicant respectfully requests Amendment of the Inventorship of the above-identified application to include Jong Beom RA, Sung Deuk KIM and Young Su LEE as named inventors.

Upon entry of this Amendment, the inventors of the present application are:

1. Hyun Mun KIM;
2. Jong Beom RA;
3. Sung Deuk KIM; and
4. Young Su LEE.

Entry of the foregoing Amendment is respectfully solicited for all the reasons detailed in the attached Petition and Statement.

Respectfully submitted,
FLESHNER & KIM

Daniel Y.J. Kim
Registration No. 36,186

P.O. Box 221200
Chantilly, VA 20153-1200
703 502-9440 DYK/kam
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In re Application of

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PETITIONS OFFICE

STATEMENT UNDER 37 C.F.R. §1.48(a)(1)Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

I, Jong Beom RA, hereby declare and state that:

1. I am an inventor of the invention described and claimed in the above-identified application.
2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 24, 1998.
3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.
4. I have reviewed and understand the contents of this Declaration, and all statements made herein of my own knowledge are true and all statements made on

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Serial No. 09/065,577

Docket No. LGS/K-041

information and belief are believed to be true; and further, these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 3/3/99Signed: Jong Beom RA
Jong Beom RA

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

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PETITIONS OFFICE

STATEMENT UNDER 37 C.F.R. §1.48(a)(1)

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

I, Sung Deuk KIM, hereby declare and state that:

1. I am an inventor of the invention described and claimed in the above-identified application.

2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 24, 1998.

3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.

4. I have reviewed and understand the contents of this Declaration, and all statements made herein of my own knowledge are true and all statements made on

Serial No. 09/065,577

Docket No. LGS/K-041

information and belief are believed to be true; and further, these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 3/3/99Signed: Sung Deuk Kim
Sung Deuk KIM

Docket No.: LGS/K-041

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

Hyun Mun KIM :

Serial No. 09/065,577 :

Group Art Unit: 2713

Filed: April 24, 1998 :

For: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING
SYSTEM OF A MOVING PICTURE

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PETITIONS OFFICE

STATEMENT UNDER 37 C.F.R. §1.48(a)(1)

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

I, Young Su LEE, hereby declare and state that:


1. I am an inventor of the invention described and claimed in the above-identified application.
2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 24, 1998.
3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.
4. I have reviewed and understand the contents of this Declaration, and all statements made herein of my own knowledge are true and all statements made on

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information and belief are believed to be true; and further, these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 2/25/99Signed: 

Young Su LEE

Docket No.: LGS/K-041

DECLARATION AND POWER OF ATTORNEY

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PETITIONS OFFICE

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE, the specification of which

[] is attached hereto [X] was filed on April 24, 1998 as Application Serial No. 09/065,577 and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority or provisional application benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate, or provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate, or provisional application(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) or U.S. Provisional Application(s):			Priority Claimed	
Number	Country	Day/Month/Year	Yes	No
<u>46368/1997</u>	<u>Korea</u>	<u>9 September 1997</u>	<u>X</u>	

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U. S. Application(s):		Status: Patented, Pending, Abandoned
Serial No.	Filing Date	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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I hereby appoint the following attorney(s) and/or agent(s): Daniel Y.J. Kim, Registration No. 36,186 and Mark L. Fleshner, Registration No. 34,596; Carl R. Wesolowski, Registration No. 40,372, John C. Eisenhart, Registration No. 38,128, and Rene A. Vazquez, Registration No. 38,647, all of

FLESHNER & KIM
P. O. Box 221200
Chantilly, Virginia 20153-1200

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Full name of sole or first inventor: Hyun Mun KIM

Inventor's signature: *Hyun Mun Kim*

Date: 2/1/99

Residence: Rockville, Maryland, U.S.A.

Citizenship: Republic of Korea

Post Office Address: 226 Congressional Lane, Rockville, Maryland 20852 U.S.A.

Full name of joint inventor(s): Jong Beom RA

Inventor's signature: *Jong Beom Ra*

Date: 3/3/99

Residence: Taejeon-si, Korea

Citizenship: Republic of Korea

Post Office Address: Expo APT. 404-506, 464-1, Chonmin-dong, Yusong-ku, Taejeon-si, Korea

Full name of joint inventor(s): Sung Deuk KIM

Inventor's signature: *Sung Deuk Kim*

Date: 3/3/99

Residence: Taejeon-si, Korea

Citizenship: Republic of Korea

Post Office Address: 1122, Wolpyang-jung, Seo-ku, Taejeon-si, Korea

Post Office Address: Samjong Heights APT. 103-1506, Jonglim-dong, Seo-ku, Taejeon-si, Korea *Sung Deuk Kim 3/3/99*

Full name of joint inventor(s): Young Su LEE

Inventor's signature: *Young Su Lee*

Date: 2/25/99

Residence: Seoul, Korea

Citizenship: Republic of Korea

Post Office Address: 303, 661-2, Yeoksam1-dong, Kangnam-ku, Seoul, Korea

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hyun Mun KIM

Serial No. 09/065,577

Filed: April 24, 1998

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PETITIONS OFFICE

CONSENT OF ASSIGNEE UNDER 37 C.F.R. 1.48(a)
TO CORRECTION OF INVENTORSHIPAssistant Commissioner for Patents
Washington, D. C. 20231

Sir:

Consistent with the provisions of 37 C.F.R. §1.48(a), the Assignee of the above-identified patent application, LG Semicon Co., Ltd., a corporation of South Korea, hereby consents to the amendment of the inventorship in the above-identified application so as to further include Jong Beom RA, Sung Deuk KIM and Young Su LEE as joint inventors thereof. I am authorized to act on behalf of the Assignee. Attached herewith is a Certificate under 37 C.F.R. §3.73(b).

Respectfully submitted,
LG Semicon Co., Ltd.Mar 6 1999
DateSang Yong Lee
Sang-Yong LEE
General ManagerFLESHNER & KIM
P.O. Box 221200
Chantilly, VA 20153-1200
703 502-9440

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Packet No. LGS/K-041

CERTIFICATE UNDER 37 C.F.R. §1.71(b)

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PETITIONS OFFICE

Applicant: Hyun Mun KIMApplication or Patent No.: 09/065 577Filed or Issued: April 24 1998Entitled: METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURELG Semicon Co., Ltd, a corporation of South Korea

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9143, Frame 0974, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above, and to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, or any patent issued thereon.

Date

Mar 6 1999

Signature

Sang-Yong Lee

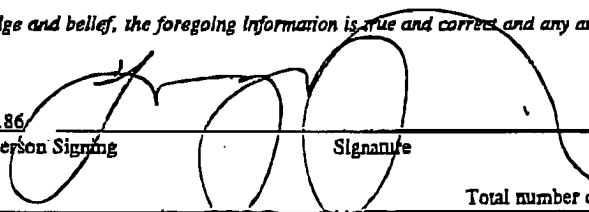
Sang-Yong Lee

Typed or printed name

General Manager

Title

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FORM PTO-1596 1-31-92		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
DOCKET NO.: LGS/K-041		PATENTS ONLY			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:					
1. Name of conveying party(ies): 1) Jong Beom RA, 2) Sung Deuk KIM, and 3) Young Su LEE Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>LG SEMICON CO., LTD.</u> Internal Address: Street Address: <u>1, Hwangjeong-dong, Heungduk-ku</u> City: <u>Cheongju-si</u> State/Country: <u>Chungcheongbuk-do, Korea</u> ZIP: <u> </u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>1) and 2) March 3, 1999; 3) February 25, 1999</u>					
4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: <u> </u> A. Patent Application No(s): <u>09/065,577</u> Filed: <u>April 24, 1998</u> B. Patent No(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>FLESHNER & KIM</u> Internal Address: Street Address: <u>P. O. Box 221200</u> City: <u>Chantilly</u> State: <u>VA</u> ZIP: <u>20153-1200</u>		6. Total number of applications and patents involved: 7. Total fee (37 C.F.R. 3.41)..... <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed (Check No. <u>6962</u>) <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>16-0607</u>			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original documents.</i> <div style="display: flex; justify-content: space-between;"> <div> <u>Daniel Y.J. Kim, Reg. No. 36,186</u> Name and Registration No. of Person Signing </div> <div style="text-align: center;">  Signature </div> <div> <u>March 17, 1999</u> Date </div> </div> <div style="text-align: right;"> Total number of pages including cover sheet: <u>2</u> </div>					
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Docket No.: LGS/R-041

AUG 30 2001

ASSIGNMENT

PETITIONS OFFICE

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Jong Beom RA

(4) _____

(2) Sung Deuk KIM

(5) _____

(3) Young Su LEE

(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

I.G. Semicon Co., Ltd.1, Hyangjeong-dong, Heungduk-kuCheongju-si, Chungcheongbuk-do, Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD OF REMOVING BLOCKING ARTIFACTS IN A CODING SYSTEM OF A MOVING PICTURE

(a) for which an application for United States Letters Patent was filed on April 24, 1998, and identified by United States Serial No. 09/065,577; or(b) for which an application for United States Letters Patent was executed on March 3, 1999; February 25, 1999

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Jong Beom RA
Name: Jong Beom RA

3/3/99

2) Sung Deuk KIM
Name: Sung Deuk KIM

3/3/99

3) Young Su LEE
Name: Young Su LEE

2/25/99

4) _____
Name:

5) _____
Name:

6) _____
Name:

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